HUMANITAS CANCER CENTER

La 1[^] linea terapeutica nei pazienti senza mutazioni target: lo scenario è cambiato?



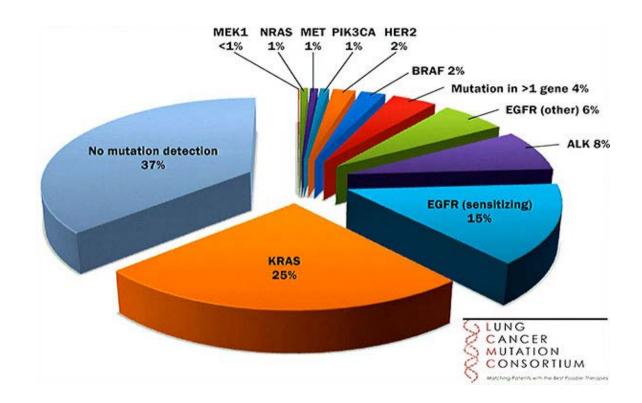
Luca Toschi, MD Medical Oncology Humanitas Cancer Center

Desenzano, 13 Marzo 2017

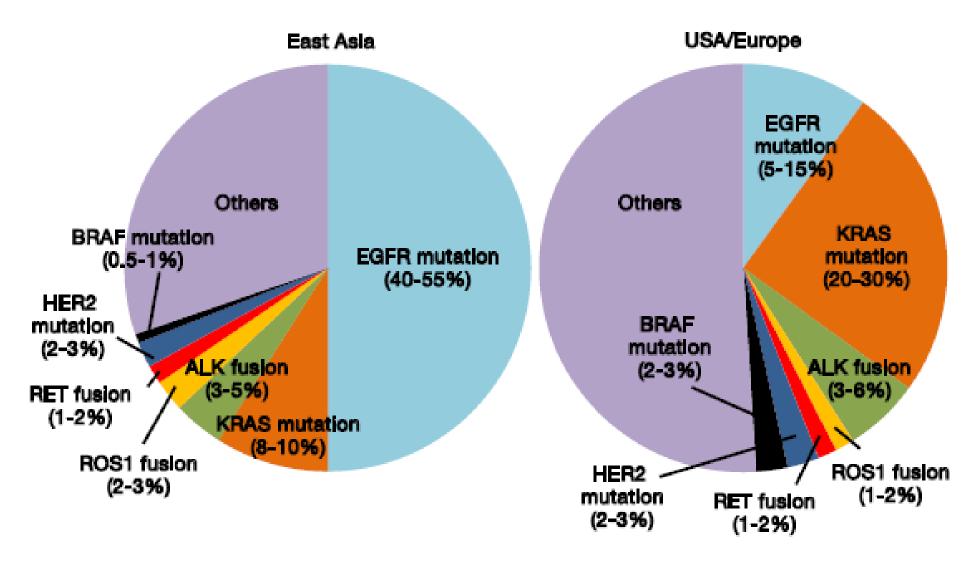
Who are non-oncogene addicted NSCLC?

Lung Cancer Consortium Mutation

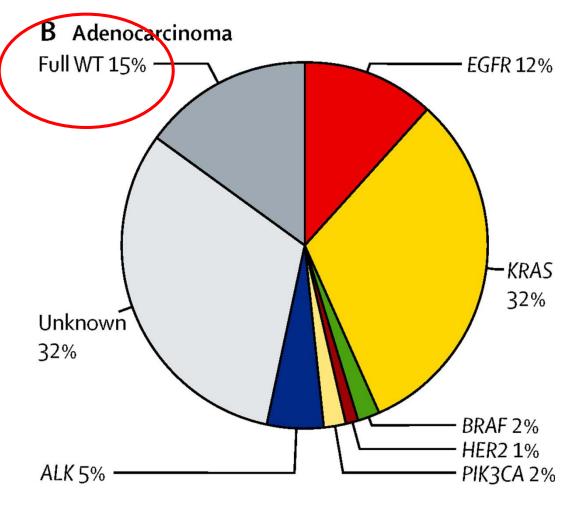
- 16 US cancer centers
- Test 10 driver mutations in 1007 lung adenocarcinomas
- 37%: no oncogenic driver



Oncogenic drivers in lung adenocarcinoma



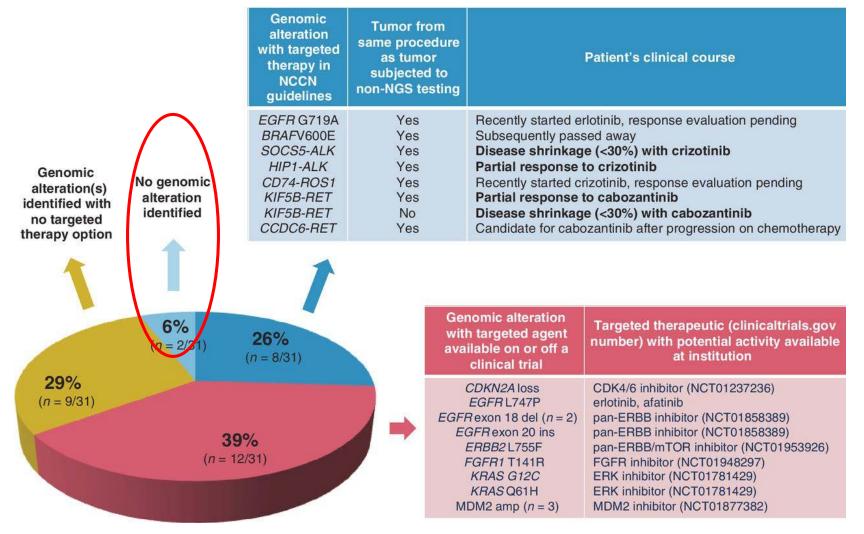
IFCT: routine molecular profiling of patients with advanced NSCLC



- 28 certified regional genetics centers
- N=17664 NSCLCs
- 6 molecular alterations
- Only 3% enrolled in clinical trials



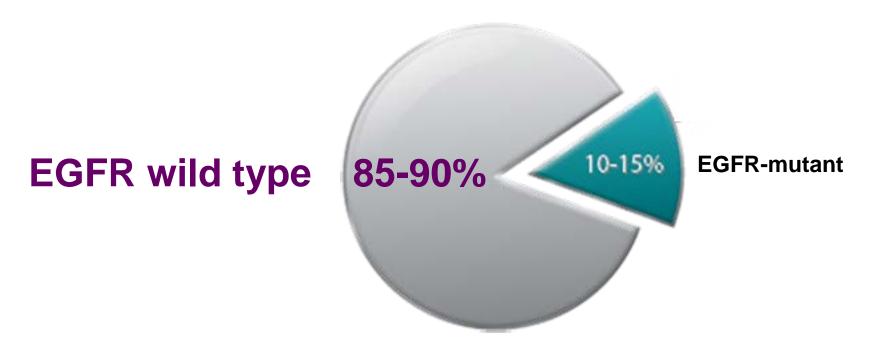
NGS in never/light smokers with lung ADC with negative non-NGS tests



- coding exons of 287 cancerrelated genes
- introns of 19 frequently rearranged genes

Today

Who are non-oncogene addicted untreated lung adenocarcinomas in clinical practice?



Linee guida AIOM 2015

In assenza di mutazioni attivanti dell'EGFR, i regimi a due farmaci contenenti platino rappresentano il trattamento

standard di prima linea del NSCLC avanzato.

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La 1[^] linea terapeutica nei pazienti senza mutazioni target: lo scenario è cambiato?



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Local consolidative therapy versus maintenance therapy or observation for patients with oligometastatic non-small-cell lung cancer without progression after first-line systemic therapy: a multicentre, randomised, controlled, phase 2 study

Daniel R Gomez, George R Blumenschein Jr, J Jack Lee, Mike Hernandez, Rong Ye, D Ross Camidge, Robert C Doebele, Ferdinandos Skoulidis, Laurie E Gaspar, Don L Gibbons, Jose A Karam, Brian D Kavanagh, Chad Tang, Ritsuko Komaki, Alexander V Louie, David A Palma, Anne S Tsao, Boris Sepesi, William N William, Jianjun Zhang, Qiuling Shi, Xin Shelley Wang, Stephen G Swisher*, John V Heymach*

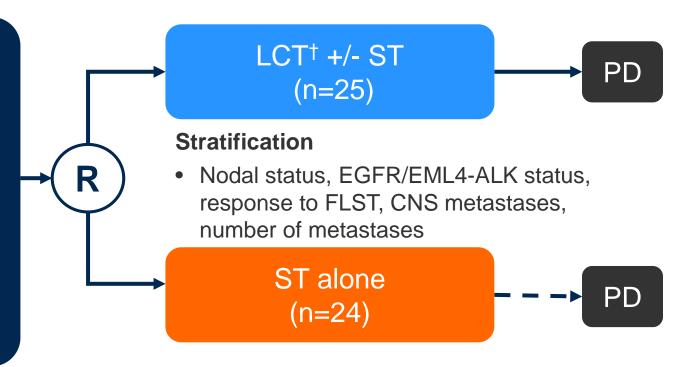
Study objective

 To investigate the effect of aggressive LCT in patients with oligometastatic NSCLC who did not progress after front-line systemic therapy (FLST)*



- Histologically confirmed NSCLC
- Stage IV disease
- •≤3 metastases
- •No RECIST progression after FLST*

(n=49)



Primary endpoint(s)

PFS

Secondary endpoints

OS, safety

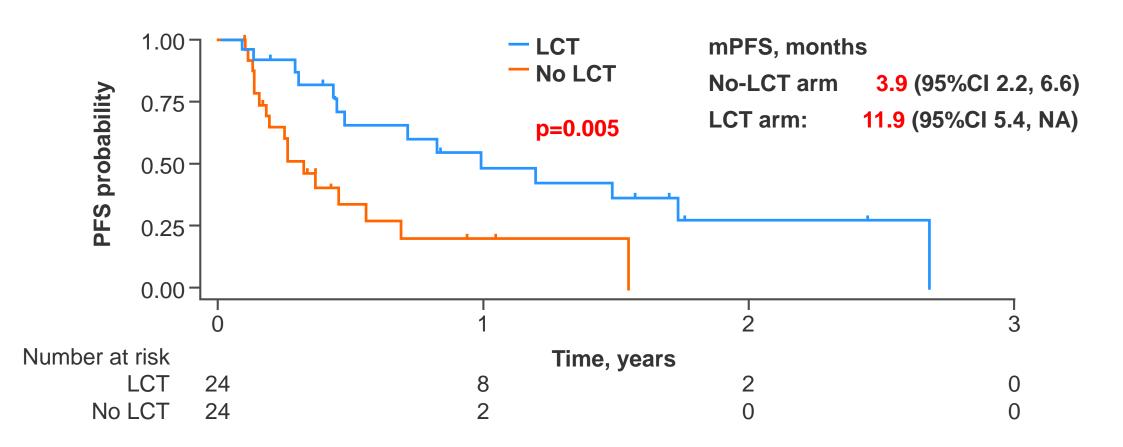
Crossover to LCT allowed at progression

*≥4 cycles of platinum-doublet chemotherapy, ≥ 3 months of erlotinib, afatinib or gefitinib therapy if EGFR mutation or ≥ 3 months of crizotinib therapy if EML4-ALK fusion; †LCT, local consolidative therapy (i.e. [chemo]radiation or surgical resection of all sites); ST, systemic therapy

Gomez et al. J Clin Oncol 2016; 34 (suppl): abstr 9004

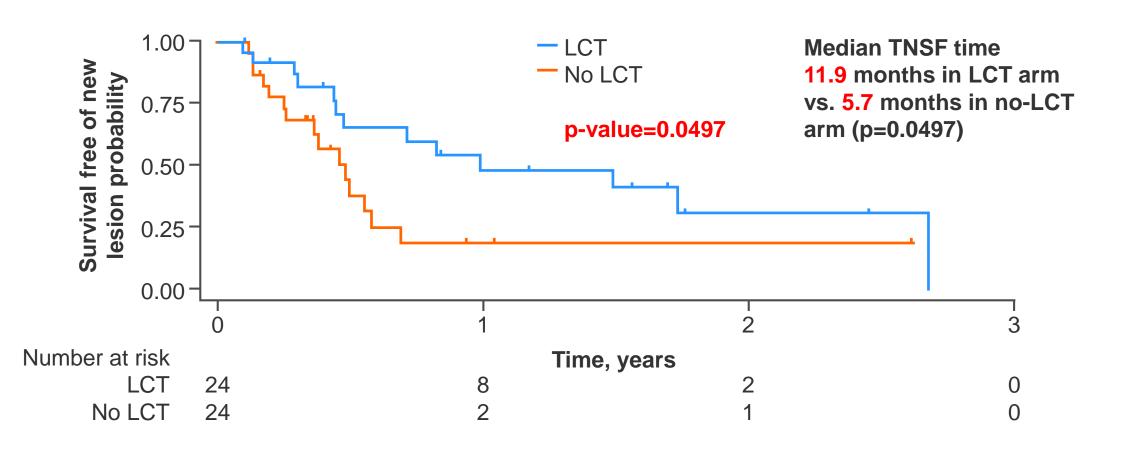
PFS

LCT significantly improved PFS by 8 months and the study was closed early



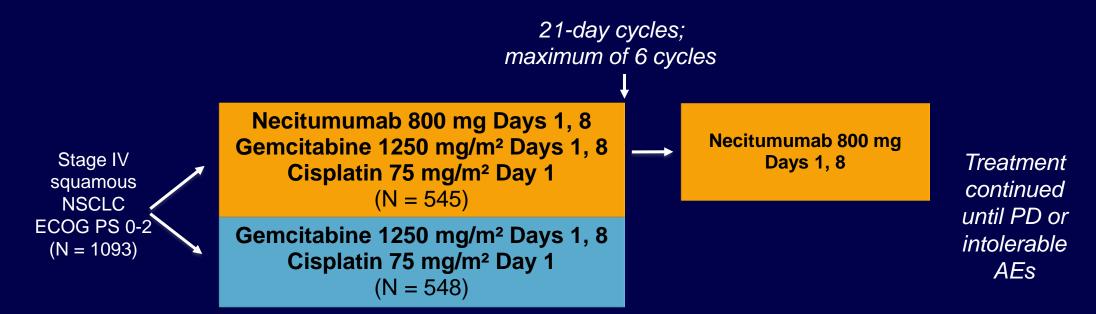
- No substantial difference in toxicity was observed between the treatment arms
- No grade 3–5 toxicity was observed in the LCT group

Survival free of new lesions





SQUIRE: Gemcitabine/Cis + Necitumumab vs Gemcitabine/Cis in Stage IV NSCLC

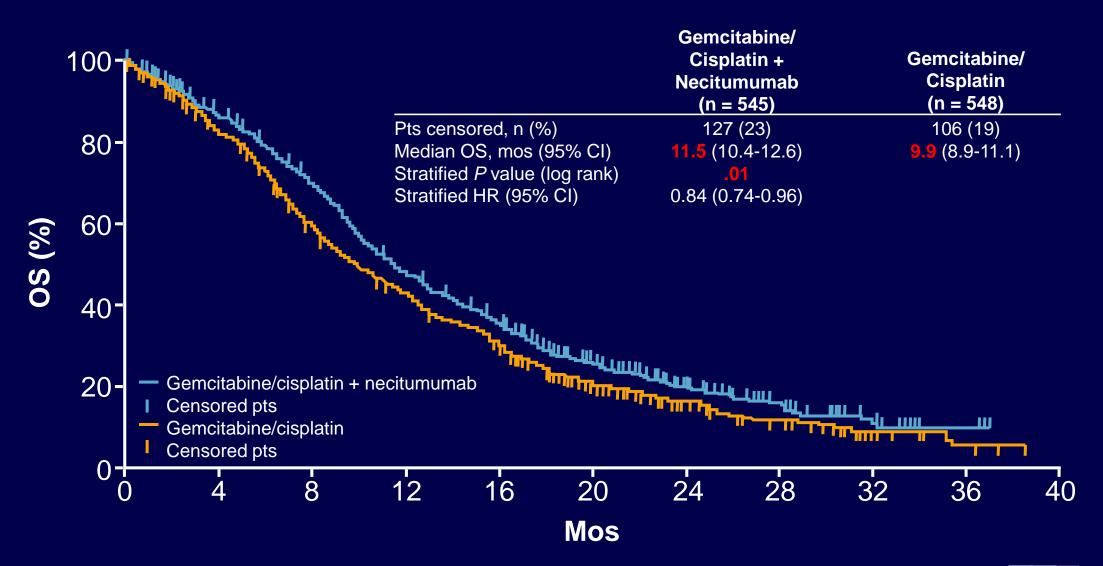


Radiographic tumor assessment (investigator read): at baseline and every 6 wks until PD Mandatory tissue collection

- Phase III
- Primary endpoint: OS



SQUIRE: Overall Survival





SQUIRE: Adverse Events

AEs, %	Gem/Cis + Neci Overall (N = 538)	Gem/Cis Overall (N = 541)
Any AEs	99.1	97.8
■ Grade ≥ 3 AEs	72.1	61.6
Serious AEs	47.8	37.5
AEs leading to discontin. of any study drug	31.2	24.6
AEs with outcome of death*	12.3	10.5
Treatment related death [†]	2.8	1.8

^{*}Including death due to PD.



[†]As assessed by investigators; missing relationship was counted as related.

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Necitumumab in squamous cell NSCLC

US

Approved by FDA

EU

Approved by EMA

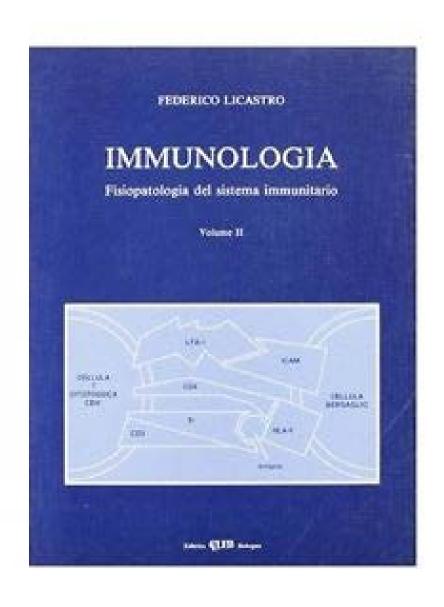
UK

Not approved by NICE

The committee concluded that necitumumab did not meet the criteria to be considered a life-extending, end-of-life treatment

ImmunOncology: the revenge





JOURNAL OF CLINICAL ONCOLOGY

ASCO SPECIAL ARTICLE

Clinical Cancer Advances 2016: Annual Report on Progress Against Cancer From the American Society of Clinical Oncology

Advance of the Year: Cancer Immunotherapy

New Treatment Paradigm for Lung Cancer

JOURNAL OF CLINICAL ONCOLOGY

ASCO SPECIAL ARTICLE

Clinical Cancer Advances 2017: Annual Report on Progress Against Cancer From the American Society of Clinical Oncology

ADVANCE OF THE YEAR: IMMUNOTHERAPY 2.0: EXPANDING USE AND REFINING PATIENT SELECTION

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2009

MAGRIT: The Largest-Ever Phase III Lung Cancer Trial Aims to Establish a Novel Tumor-Specific Approach to Therapy

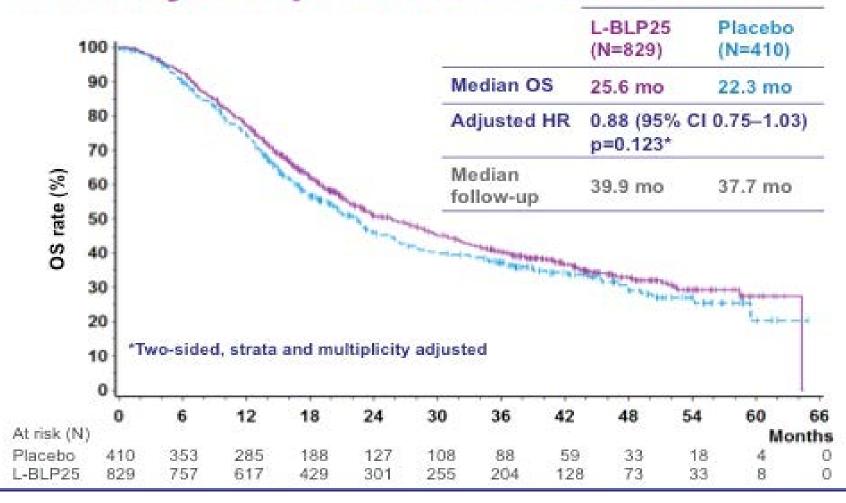
Preeta Tyagi , Beloo Mirakhur
GlaxoSmithKline Oncology, Collegeville, PA

2014

Experts are divided on the value of lung cancer vaccination after disappointing results from the MAGRIT phase III trial

2013: START trial with tecemotide in NSCLC

Primary endpoint: Overall survival



HUMANITAS CANCER CENTER

NEJM 2015: 3 articles in 6 months

Nivolumab versus Docetaxel in Advanced Nonsquamous Non-Small-Cell Lung Cancer.

Borghaei H, Paz-Ares L, Horn L, Spigel DR, Steins M, Ready NE, Chow LQ, Vokes EE, Felip E, Holgado E, Barlesi F, Kohlhäufl M, Arrieta O, Burgio MA, Fayette J, Lena H, Poddubskaya E, Gerber DE, Gettinger SN, Rudin CM, Rizvi N, Crinò L, Blumenschein GR Jr, Antonia SJ, Dorange C, Harbison CT, Graf Finckenstein F, Brahmer JR.

N Engl J Med. 2015 Oct 22;373(17):1627-39. doi: 10.1056/NEJMoa1507643. Epub 2015 Sep 27.

PMID: 26412456

Similar articles Remove from clipboard

Nivolumab versus Docetaxel in Advanced Squamous-Cell Non-Small-Cell Lung Cancer.

Brahmer J, Reckamp KL, Baas P, Crinò L, Eberhardt WE, Poddubskaya E, Antonia S, Pluzanski A, Vokes EE, Holgado E, Waterhouse D, Ready N, Gainor J, Arén Frontera O, Havel L, Steins M, Garassino MC, Aerts JG, Domine M, Paz-Ares L, Reck M, Baudelet C, Harbison CT, Lestini B, Spigel DR.

N Engl J Med. 2015 Jul 9;373(2):123-35. doi: 10.1056/NEJMoa1504627. Epub 2015 May 31.

PMID: 26028407

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Pembrolizumab for the treatment of non-small-cell lung cancer.

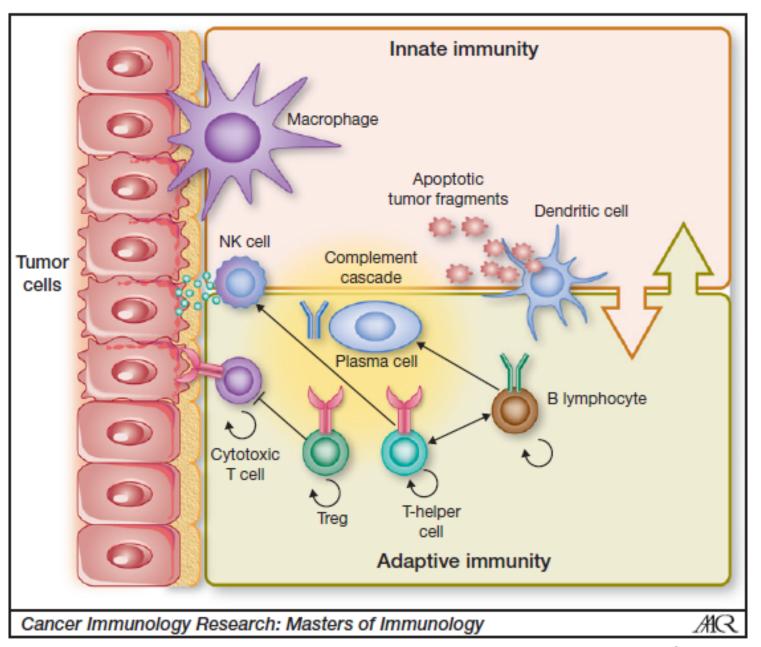
Garon EB, Rizvi NA, Hui R, Leighl N, Balmanoukian AS, Eder JP, Patnaik A, Aggarwal C, Gubens M, Horn L, Carcereny E, Ahn MJ, Felip E, Lee JS, Hellmann MD, Hamid O, Goldman JW, Soria JC, Dolled-Filhart M, Rutledge RZ, Zhang J, Lunceford JK, Rangwala R, Lubiniecki GM, Roach C, Emancipator K, Gandhi L; KEYNOTE-001 Investigators.

N Engl J Med. 2015 May 21;372(21):2018-28. doi: 10.1056/NEJMoa1501824. Epub 2015 Apr 19.

PMID: 25891174

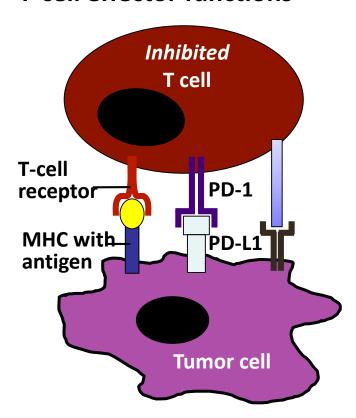
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Basic Immunology

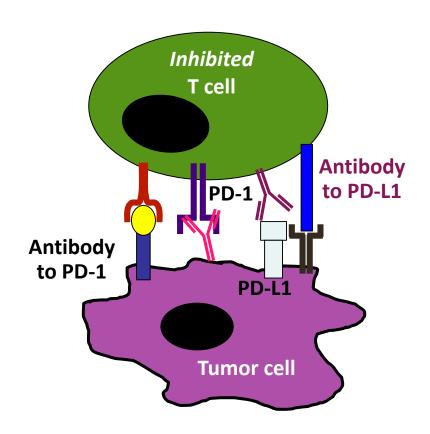


PD-1/PD-L1 in the Immune Response

Binding of PD-L1 to PD-1 receptor downregulates T-cell effector functions



Antibody-mediated blockage of the binding of PD-L1 protein to PD-1 receptor restores T-cell effector functions



Randomized 2/3L phase III trials of anti-PD1/PD-L1 agents vs docetaxel

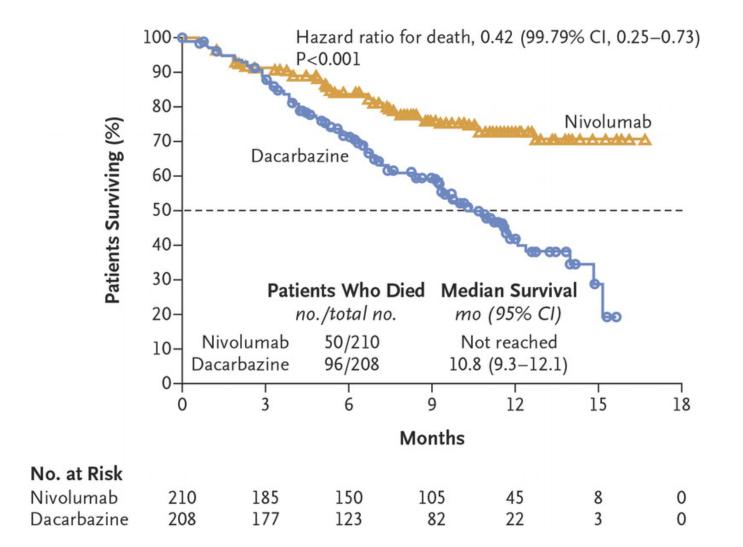
	TRIAL	Drug	Target	PD-L1	RR (%)	` ´ ,		OS (mo.)		
					CI	D	CI	D	CI	D
AIFA	CheckMate 017	Nivolumab	PD-1	Any	20	9	3.5	2.8	9.2	6.0
AIFA	CheckMate 057	Nivolumab	PD-1	Any	19	12	2.3	4.2	12. 2	9.4
EMA	KEYNOTE 010	Pembrolizumab*	PD-1	Positive	18	9	4.0	4.0	12. 7	8.5
FDA	OAK	Atezolizumab	PD-L1	Any	14	13	2.8	4.0	13. 8	9.6

CI: checkpoint inhibitor

P<.05

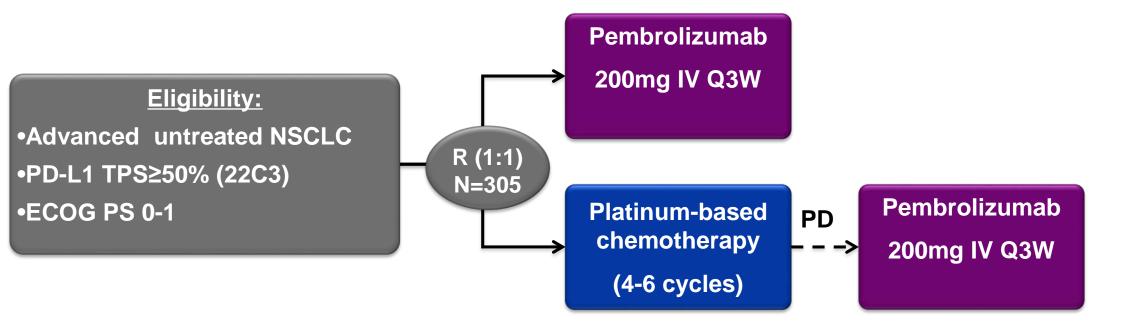
D: docetaxel

Nivolumab vs dacarbazine in advanced melanoma: overall survival



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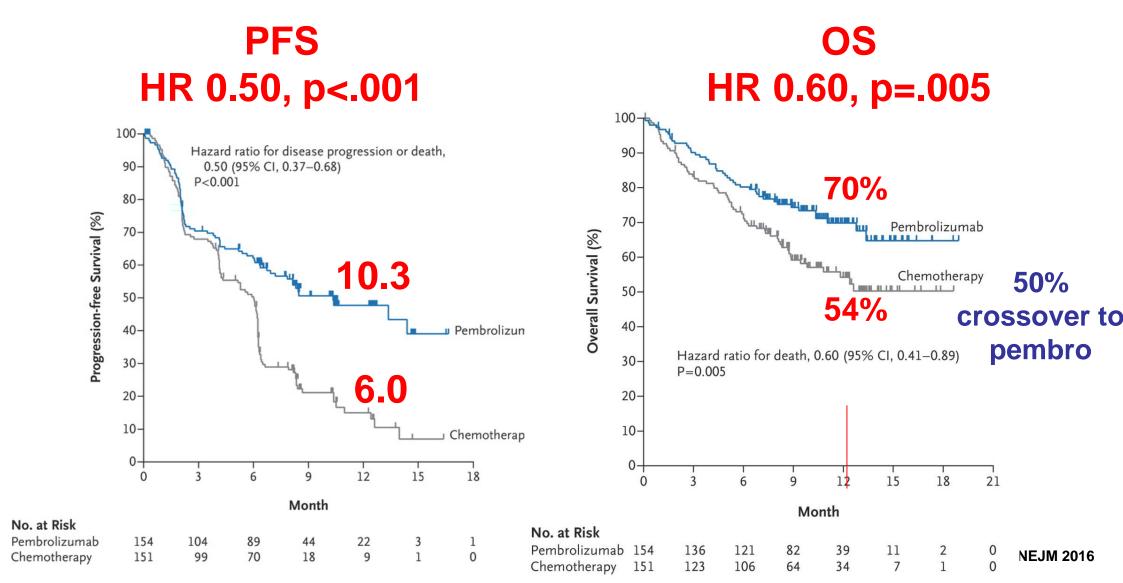
KEYNOTE-024: first line pembrolizumab vs platinum-based CT in PD-L1+ NSCLC



Primary endpoint: PFS

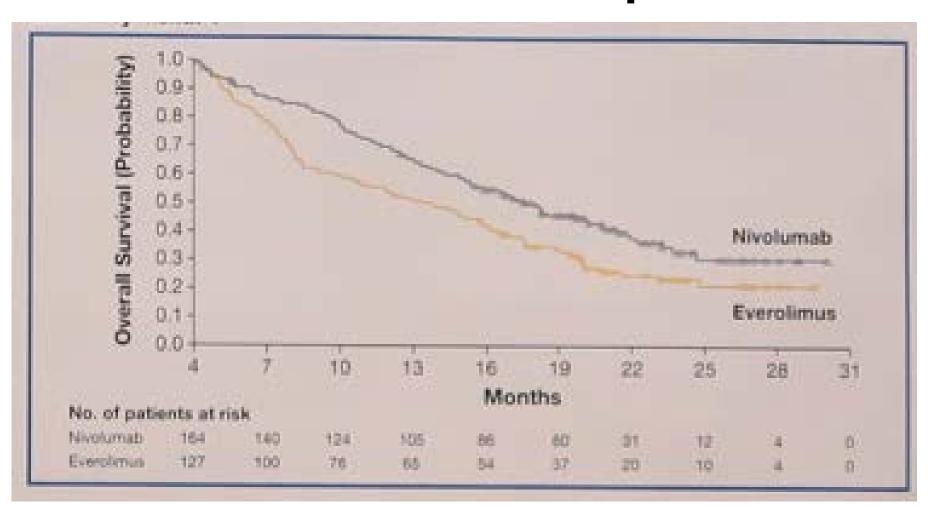
Secondary endpoints: OS, RR, safety

KEYNOTE-024: PFS and OS

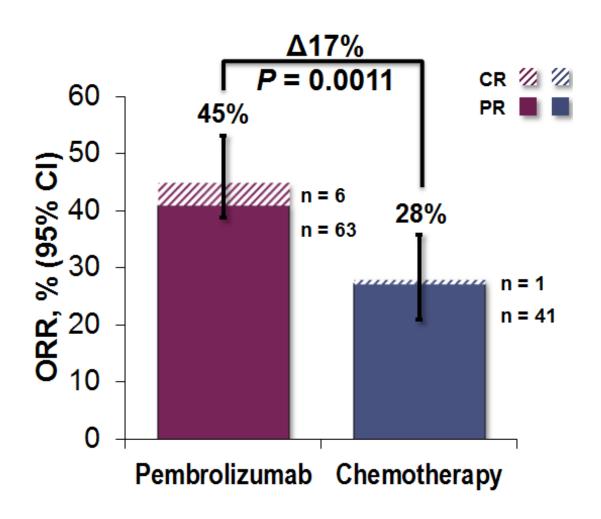


HUMANITAS CANCER CENTER

OS in renal cell carcinoma patients with PD as best response



KEYNOTE-024: RR





KEYNOTE-024: Select Treatment-Related Adverse Events

Adverse Event (≥ 10% in Either Arm), %	Pembrolizumab (n = 154)		Chemotherapy (n = 150)			
	Any Grade	Grade ≥ 3	Any Grade	Grade ≥ 3		
Any	73.4	26.6	90.0	53.3		
Nausea	9.7	0	43.3	2.0		
Diarrhea	14.3	3.9	13.3	1.3		
Vomiting	2.6	0.6	20.0	0.7		
Anemia	5.2	1.9	44.0	19.3		
Fatigue	10.4	1.3	28.7	3.3		
Pyrexia	10.4	0	5.3	0		
Neutropenia	0.6	0	22.7	13.3		
Thrombocytopenia	0	0	11.3	5.3		

Reck M, et al. N Engl J Med. 2016; [Epub ahead of print].

Slide credit: clinicaloptions.com

HUMANITAS CANCER CENTER

Pembrolizumab in 1st line PD-L1+ NSCLC

US

Approved by FDA

EU

Approved by EMA

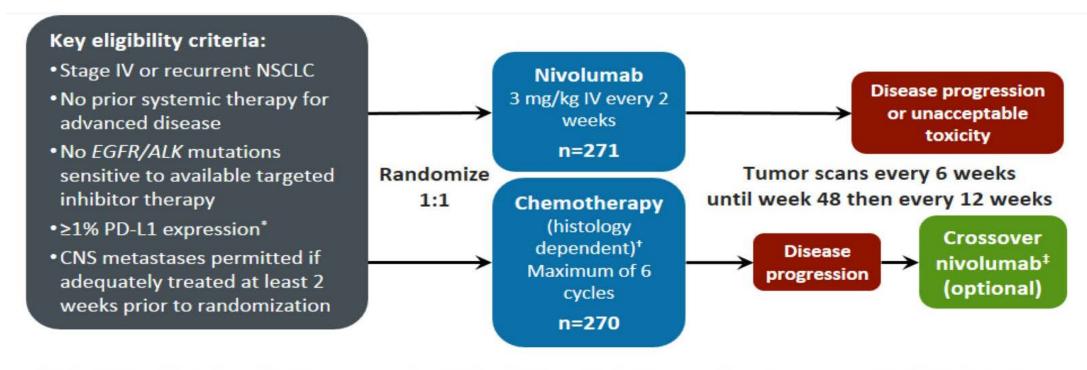
UK

Not approved by NICE

Although there was sufficient evidence that pembrolizumab had an important extension-to-life benefit [..] compared with standard of care, the magnitude of the overall survival gain was uncertain because the data is immature + not cost effective use of NHS resources

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CheckMate-026



^{*}Dako 28-8 validated; archival tumor samples obtained ≤6 months before enrollment were permitted; PD-L1 testing was centralized



[†]Squamous: gemcitabine 1250 mg/m² + cisplatin 75 mg/m²; gemcitabine 1000 mg/m² + carboplatin AUC 5; paclitaxel 200 mg/m² + carboplatin AUC 6; nonsquamous: pemetrexed 500 mg/m² + cisplatin 75 mg/m²; pemetrexed 500 mg/m² + carboplatin AUC 6; option for pemetrexed maintenance therapy

^{*}No washout required before crossover

CheckMate-026: 1st line nivolumab vs platinum-based CT in PD-L1+ NSCLC

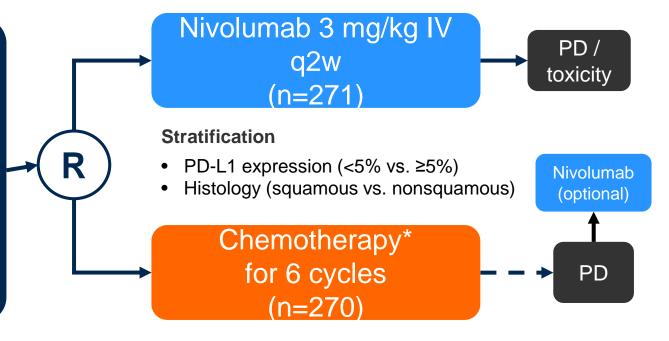
Study objective

 To evaluate the efficacy of first-line nivolumab vs. investigator choice of platinum-based doublet chemotherapy in stage IV/recurrent PD-L1-positive NSCLC

Key patient inclusion criteria

- •Stage IV or recurrent NSCLC
- •No prior systemic therapy for advanced disease
- •No EGFR/ALK mutations sensitive to targeted inhibitor therapy
- •PD-L1 expression of ≥1%
- •ECOG PS 0-1

(n=541)



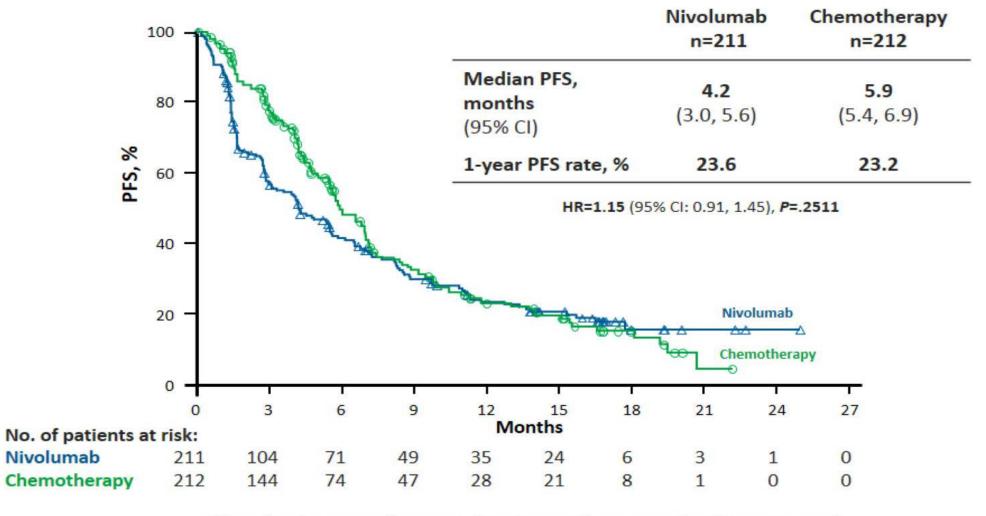
Primary endpoint

•PFS (≥5% PD-L1+)

Secondary endpoints

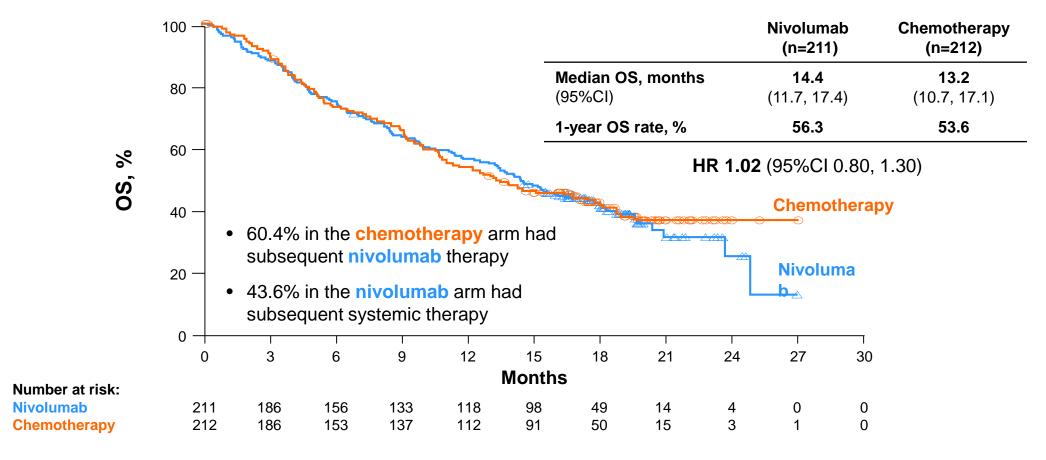
•PFS (≥1% PD-L1+), OS, ORR

CheckMate 026: PFS in PD-L1+ ≥5%



All randomly assigned patients (≥1% PD-L1+): HR=1.17 (95% CI: 0.95, 1.43)

CheckMate 026: OS in PD-L1+ ≥5%



All randomised patients (≥1% PD-L1+): HR 1.07 (95%Cl 0.86, 1.33)



CheckMate-026: Survival Outcomes by Subgroup

	Pts, n U		Unstratified HR		Unstratified HR (95% CI)	
Subgroup	Nivolumab	Chemotherapy	PFS	os	PFS	os
Overall	271	270	1.19	1.08	◆	→
≥ 65 yrs	123	137	1.21	1.04		- ∳-
< 65 yrs	148	133	1.17	1.13		
Male	184	148	1.05	0.97		
Female	87	122	1.36	1.15	—	
ECOG PS = 0	85	93	1.69	1.11	→	——
ECOG PS ≥1	185	177	1.01	1.02	→	→
Squamous	65	64	0.83	0.82		
Nonsquamous	206	206	1.29	1.17	→	
Never smoker	30	29	2.51	1.02		
Former smoker	186	182	1.14	1.09		- •-
Current smoker	52	55	1.03	1.05		
≥ 50% PD-L1+	88	126	1.07	0.90		 -
					0.5 1.0 2.0 4.0	0.5 1.0 2.0 4.0
				Ni	volumah Chemotherany	Nivolumah Chemotheran





CheckMate-026: Select Treatment-Related Adverse Events

Adverse Event, %	Nivolu (n =)		Chemotherapy (n = 263)	
	Any Grade	Grade 3/4	Any Grade	Grade 3/4
Any	71.2	17.6	92.4	50.6
Diarrhea	13.9	1.1	12.9	1.9
Fatigue	21.0	1.1	35.4	5.3
Nausea	11.6	0.4	48.3	1.9
Vomiting	5.6	0	22.8	1.9
Anemia	3.4	0.4	43.0	17.5
Neutropenia	0	0	18.3	11.0
Thrombocytopenia	0.7	0.4	14.4	8.4



BIRCH: Efficacy and Safety of Atezolizumab

	First Line (n = 139)	Second Line (n = 267)	≥ Third Line (n = 253)
Median OS, mos (95% CI) TC2/3 or IC2/3 TC3 or IC3	14.0 (14.0-NE) NE (10.4-NE)	NE (11.2-NE) NE (10.6-NE)	NE (8.4-NE) NE (NE-NE)
6-mo OS, % TC2/3 or IC2/3 TC3 or IC3	82 79	76 80	71 75
Median PFS, mos (95% CI) TC2/3 or IC2/3 TC3 or IC3	5.5 (3.0-6.9) 5.5 (2.7-8.3)	2.8 (1.5-3.5) 4.1 (1.8-5.5)	2.8 (2.7-3.7) 4.2 (2.8-5.6)
6-mo PFS, % TC2/3 or IC2/3 TC3 or IC3	46 48	29 34	31 39

- Majority of AEs were grade 1/2 (80%)
- Most common AEs (any grade): fatigue, diarrhea and nausea
- Most common grade 3/4 AEs: pneumonitis* (1.5%), increased AST (0.8%), colitis (0.5%), hypothyroidism and rash (both 0.3%)



^{*1} grade 5 pneumonitis occurrence reported



JAVELIN: Phase Ib Trial of First-line Avelumab in NSCLC

 Open-label, dose-escalation phase Ib trial of avelumab (10 mg/kg Q2W) in advanced NSCLC not previously treated for metastatic disease

Outcome, %	N = 75
ORR	18.7
DCR	64.0
CR	1.3
PR	17.3
SD	45.3
Median PFS	11.6 wks

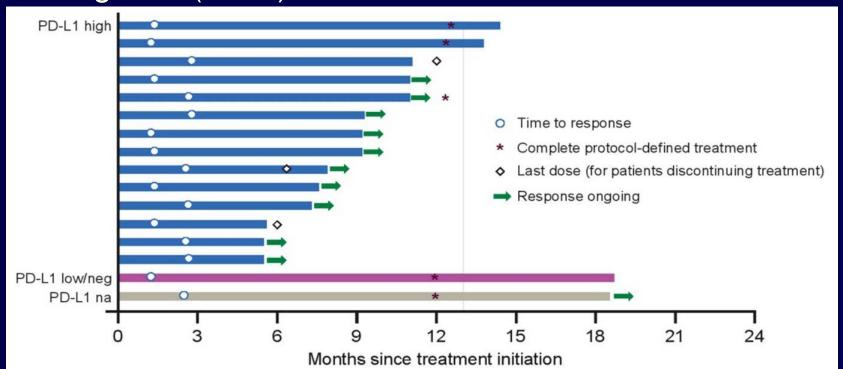
- Well tolerated, low rate of grade 3/4 AEs
- Tx-related AEs: 56.6% (9% grade 3/4)
- No tx-related deaths





Phase I/II Trial of Durvalumab in Treatment-Naive Advanced NSCLC

- Dose-escalation/dose-expansion phase I/II trial of durvalumab (10 mg/kg Q2W) in pts with treatment-naive PD-L1+ NSCLC
- ORR: 27% (N = 59); 29% for PD-L1 high (n = 49); 11% for PD-L1 low or negative (n = 9)







PD-L1 IHC Assays

	Pembrolizumab* (Anti–PD-1)	Nivolumab* (Anti–PD-1)	Atezolizumab (Anti–PD-L1)	Durvalumab (Anti–PD-L1)
Diagnostic partner	Dako	Dako	Ventana	Ventana
Clone	22C3 ^[1]	28-8[2]	SP142 ^[3]	SP263
Machine utilized	Link 48	Link 48	BenchMark ULTRA	BenchMark ULTRA
Compartment	TC	TC	TC/IC	TC
Variables	% of cells	% of cells	% of cells	% of cells
Definition of positive	PD-L1(+): ≥ 50%	PD-L1(+): ≥ 1%	PD-L1(+): TC3/IC3 (≥ 50% / ≥ 10%) TC2/IC2 (5% - 49% / 5% - 9%) TC1/IC1 (1% - 4%)	PD-L1(+): ≥ 25%

^{*}FDA-approved assays.

- 1. Garon EB, et al. N Engl J Med. 2015;372:2018-2028.
- 2. Phillips T, et al. Appl Immunohistochem Mol Morphol. 2015;23:541-549.
- 3. Fehrenbacher L, et al. Lancet. 2016;387:1837-1847.







ORIGINAL ARTICLE

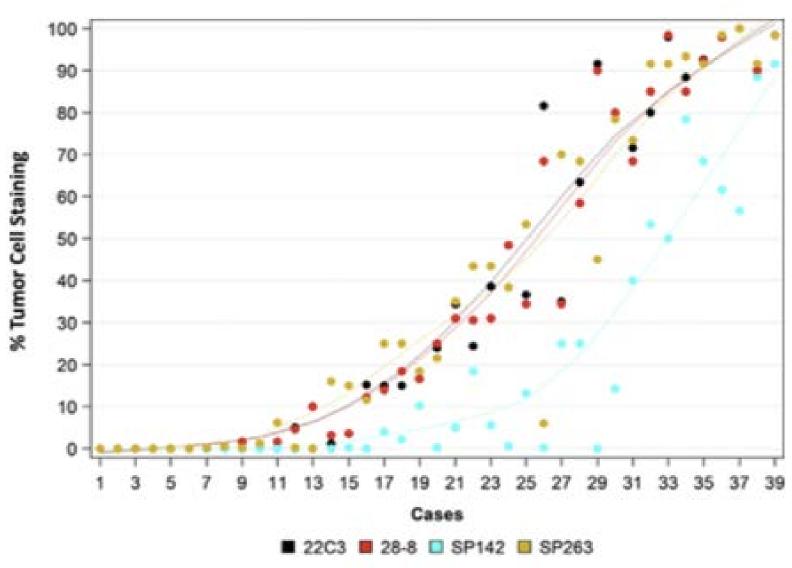
PD-L1 Immunohistochemistry Assays for Lung Cancer: Results from Phase 1 of the Blueprint PD-L1 IHC Assay Comparison Project



Agent	Nivolumab	Pembrolizumab	Atezolizumab	Durvalumab
Primary antibody clone used in the assay system	28-8 (Dako)	22C3 (Dako)	SP142 (Ventana)	SP263 (Ventana)
Interpretive scoring	Tumor cell membrane	Tumor cell membrane	Tumor cell membrane Infiltrating immune cells	Tumor cell membrane
Instrument and detection systems required	EnVision Flex on AutostainerLink 48	EnVision Flex on AutostainerLink 48	OptiView detection and amplification on Benchmark ULTRA	OptiView detection on Benchmark ULTRA
Therapeutic developer	Bristol-Myers Squibb	Merck	Genentech	AstraZeneca

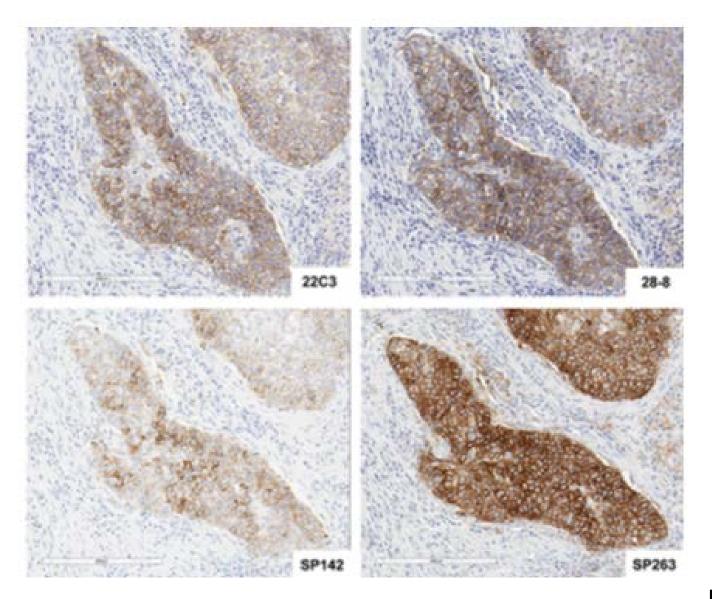
PD-L1, programmed death ligand 1.

PD-L1 staining: comparison of 4 antibodies





PD-L1 staining: comparison of 4 antibodies



Medscape Medical News > Conference News

Pembrolizumab First-Line Beats Chemo: 'It's a New Day for Lung Cancer'

Zosia Chustecka

October 09, 2016

Medsc

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Octob



OncoLine - Il canale di Oncologia

News

Prevenzione

Diagnosi

Terapia

Diritti

Qualità di vita

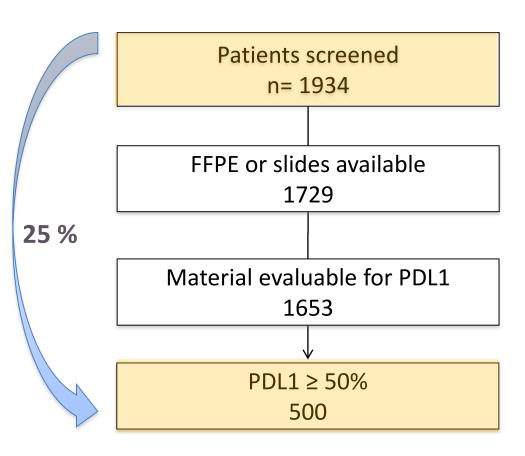
Testimonianze

Il polmone sotto attacco, il cancro si può abbattere con l'immunoterapia





Putting data in context



- ❖ EGFR mutant or ALK translocated NSCLC 15-20% of Caucasians 40-50% of Asians
- PS ≥ 2 is reported in ~34% of contemporary cohorts of NSCLC patients
- European FRAME study (1 500 pts)
 17% of pts have brain mets at diagnosis
 34% of them have radiotherapy before CT
- Autoimmune disorders affect 5 to 9% of the general population and 14% of NSCLC

Barlesi F et al, Lancet. 2016 Moro-Sibilot D et al, Lung Cancer 2015; 90: 427 Khan SA et al, JAMA Oncol 2016; 1-2 Salloum RG al, Cancer 2011, 117: 1038

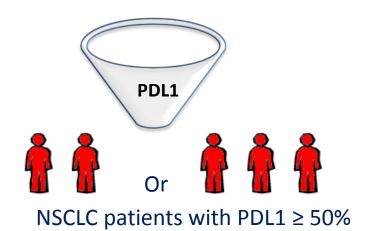


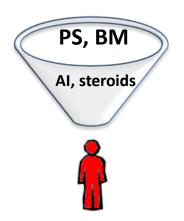


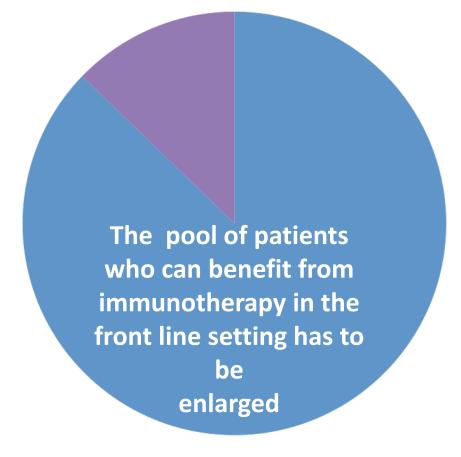
Putting data in context



NSCLC patients in daily practice







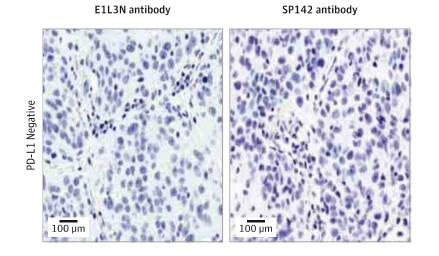
How to enlarge the pool of patients eliglible to first-line immunotherapy?

 Make sure our patient is not PD-L1 negative

Identify other predictors of benefit

Explore novel combinations

PD-L1 expression: intratumoral heterogeneity in resected NSCLC



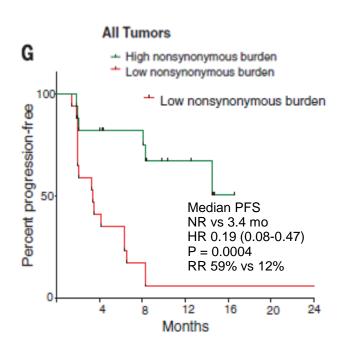
N = 49

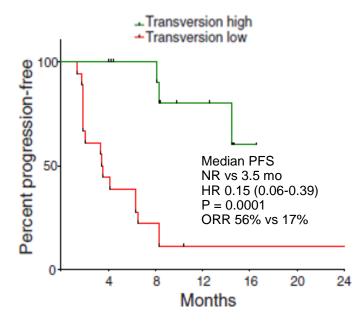
 Make sure our patient is not PD-L1 negative

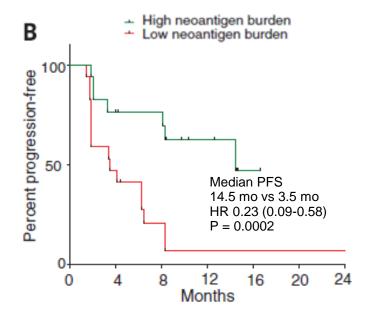
Identify other predictors of benefit

Explore novel combinations

Mutational burden and pembrolizumab activity

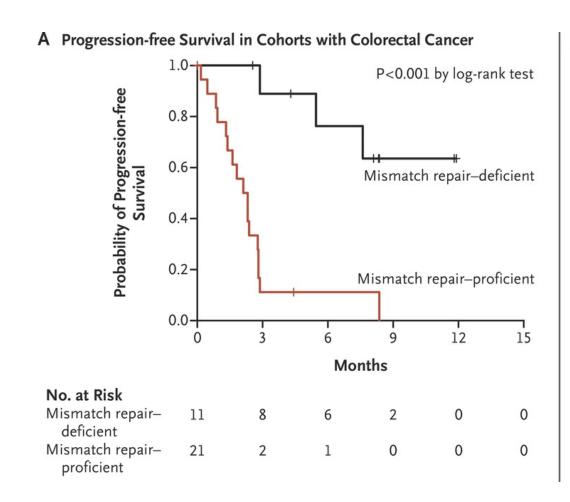


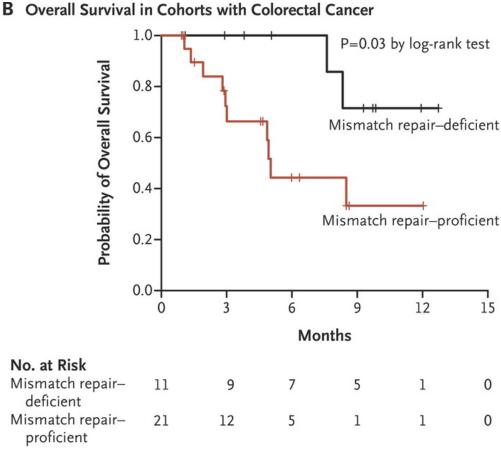






Mismatch-repair status predics clinical benefit from pembrolizumab in CRC





 Make sure our patient is not PD-L1 negative

Identify other predictors of benefit

Explore novel combinations



Pembrolizumab + CT as First-line Therapy for Adv Nonsq NSCLC (KEYNOTE-021)

Stratified by PD-L1 TPS (< 1% vs ≥ 1%)

Pts with stage IIIB/IV nonsquamous NSCLC and ECOG PS 0/1, no previous systemic therapy, no actionable *EGFR/ALK* mutations (N = 123)

Pembrolizumab 200 mg IV + Cb/Pem* Q3W x 4 (n = 60)

Cb/Pem* Q3W \times 4 (n = 63)

*Cb AUC 5 mg/mL/min; Pem 500 mg/m².

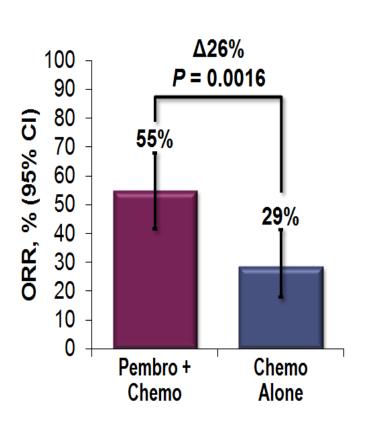
Pembrolizumab up to 24 mos + Pemetrexed maintenance (optional)

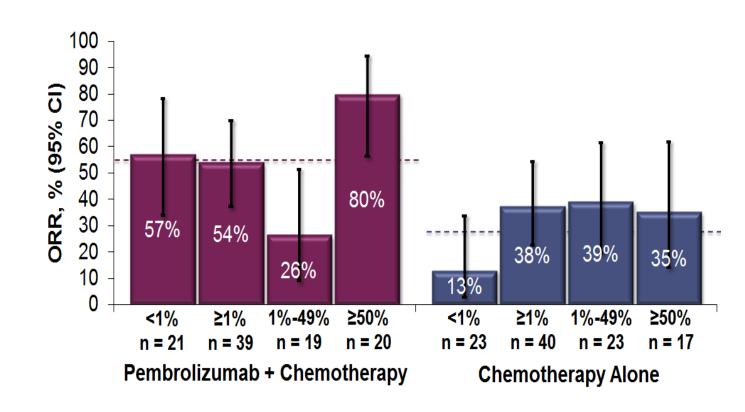
Pemetrexed maintenance (optional)

- Primary endpoint: ORR (RECIST v1.1)
- Secondary endpoints included: PFS, DoR, OS, and safety

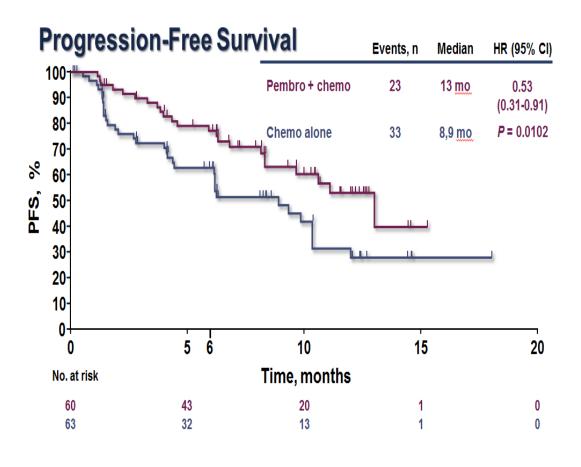


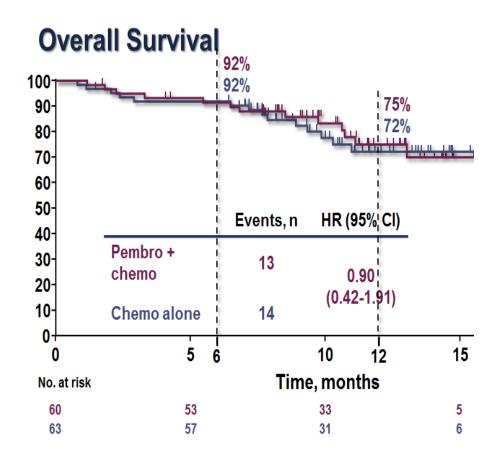
Keynote 021 cohort G: response rate





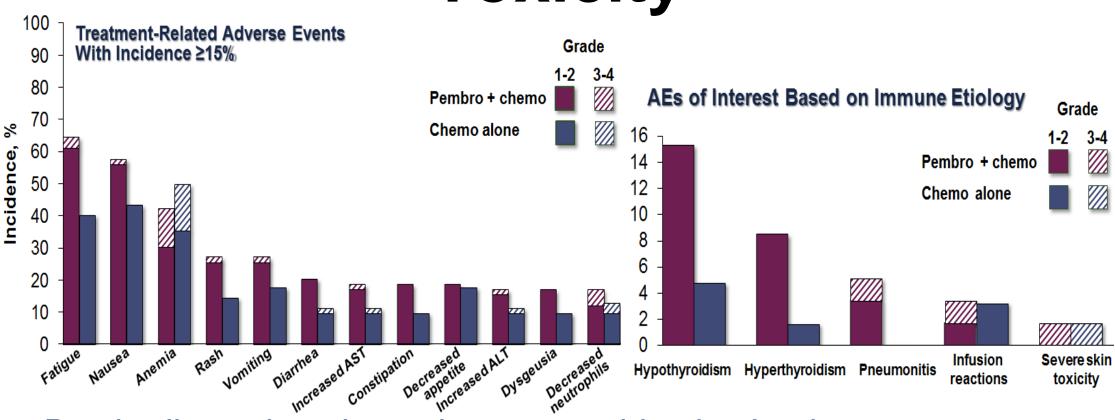
Keynote 021 cohort G: PFS and OS







Toxicity

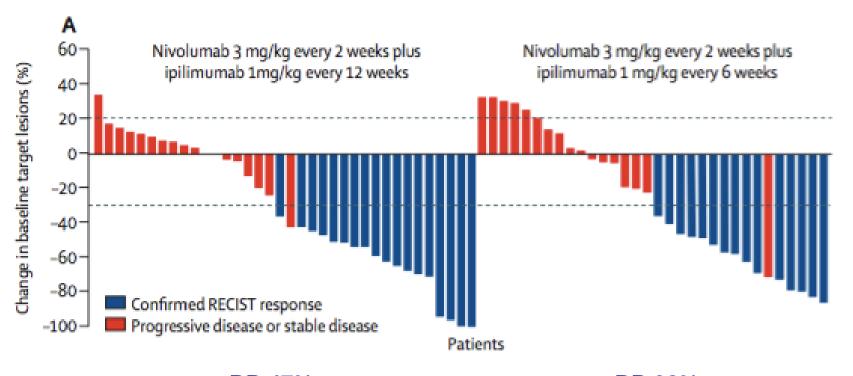


Pembrolizumab + chemotherapy combination lead to a:

- ✓ Numerical increase of many chemo-related AEs
- ✓ Typical checkpoint inhibitors immune-mediate AEs
- ✓ An Overall G3/4 AE rate of 39% (combo) vs 26% (CT)

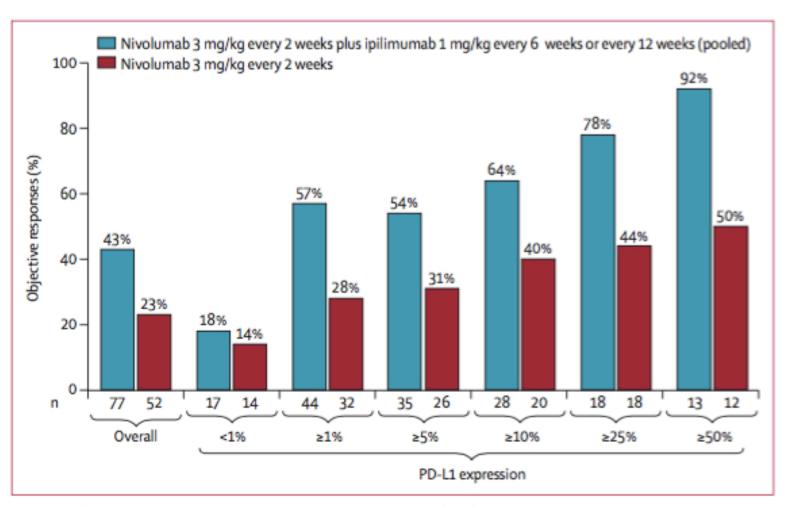
Nivolumab plus ipilimumab as first-line treatment for advanced non-small-cell lung cancer (CheckMate 012): results of an open-label, phase 1, multicohort study

Matthew D Hellmann, Naiyer A Rizvi, Jonathan W Goldman, Scott N Gettinger, Hossein Borghaei, Julie R Brahmer, Neal E Ready, David E Gerber, Laura Q Chow, Rosalyn A Juergens, Frances A Shepherd, Scott A Laurie, William J Geese, Shruti Agrawal, Tina C Young, Xuemei Li, Scott J Antonia

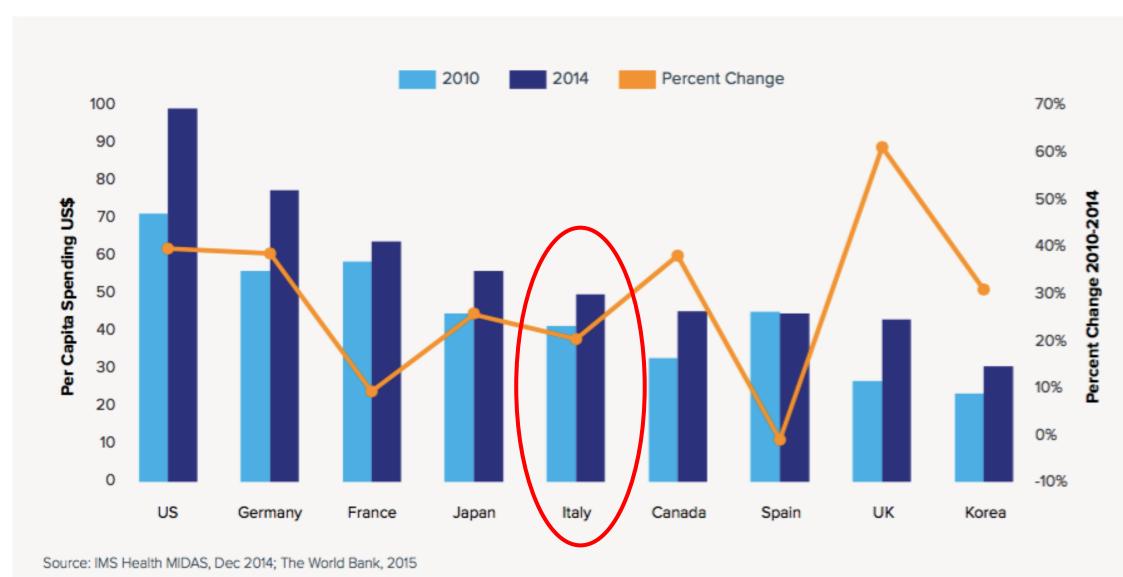


RR 47% RR 38%

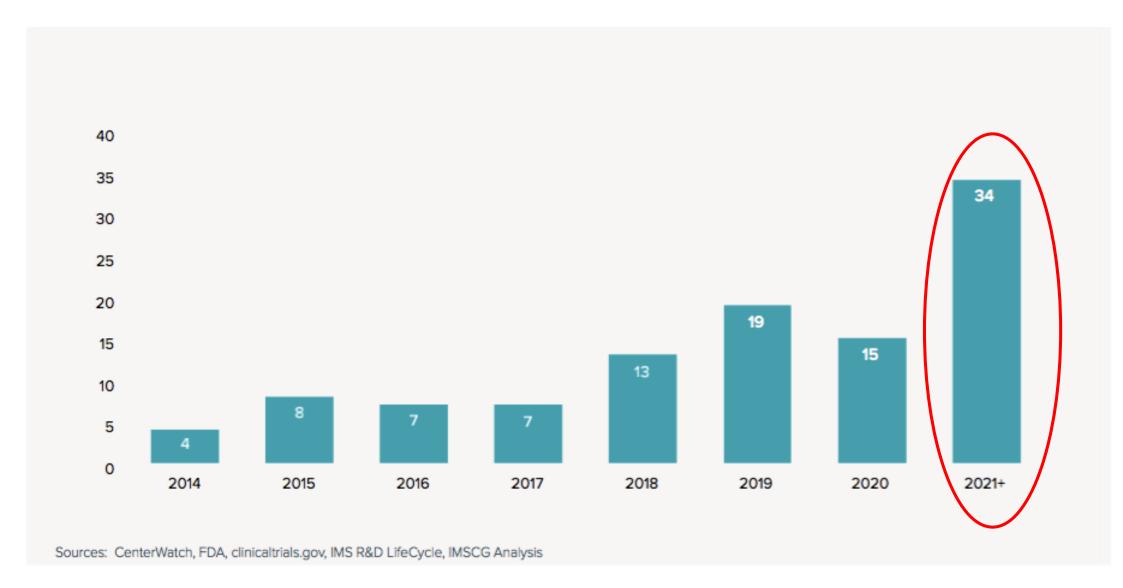
PD-L1 levels predict benefit (RR) from nivo + ipi



Therapeutic Oncology Drug Spend Per Capita 2010-14



Expected Combination Regimen Launches in Oncology



ESMO European Consortium Study on the availability, out-of-pocket costs and accessibility of antineoplastic medicines in Europe

N. Cherny^{1*}, R. Sullivan², J. Torode³, M. Saar⁴ & A. Eniu⁵

Conclusions: The cost and affordability of anticancer treatments with recent market approval is the major factor contributing to inequity of access to anticancer medications. This is especially true with regards to new medications used in the management of EGFR- or ALK-mutated non-small-cell lung cancer, metastatic melanoma, metastatic renal cell cancer, RAS/RAF
wild-type metastatic colorectal cancer, HER2 overexpressed breast cancer and castration-resistant metastatic prostate
cancer.

"If companies work with us to price drugs reasonably and manage any uncertainties in the evidence base, we can continue to recommend patients have routine access to the treatments they need."

Professor Carole Longson, director of the NICE centre for health technology evaluation

Presidenza del Consiglio dei Ministri



MOZIONE

PER UNA POLITICA DI ACCESSO EQUO A FARMACI INNOVATIVI AD ALTA EFFICACIA PER PATOLOGIE GRAVI: RIDUZIONE DEI PREZZI E CONTENIMENTO DEI COSTI A CARICO DEL SSN E DEI CITTADINI¹

Presidenza del Consiglio dei Ministri



[...] pur comprendendo che occorre evitare di porre un freno agli incentivi per l'innovazione farmaceutica, richiama l'esigenza di limitare gli eccessi di una ricerca esagerata del profitto in un settore, quello della salute, che dovrebbe essere governato dal sistema pubblico in modo molto più incisivo, trasparente ed equo. È allora indispensabile individuare un prezzo adeguato dei farmaci rispetto ai costi sostenuti per la ricerca (tra l'altro spesso finanziata con denaro pubblico o acquisita da piccole industrie biotecnologiche) e per la commercializzazione.



OncoLine - Il canale di Oncologia

News

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Il polmone sotto attacco, il cancro si può abbattere con l'immunoterapia

Patients expectations?

JAMA Oncology | Original Investigation

Determinants of Patient-Oncologist Prognostic Discordance in Advanced Cancer

Robert Gramling, MD, DSc; Kevin Fiscella, MD, MPH; Guibo Xing, PhD; Michael Hoerger, PhD; Paul Duberstein, PhD; Sandy Plumb, BS; Supriya Mohile, MD, MS; Joshua J. Fenton, MD, MPH; Daniel J. Tancredi, PhD; Richard L. Kravitz, MD, MSPH; Ronald M. Epstein, MD

RESULTS Among the 236 patients (mean [SD] age, 64.5 [11.4] years; 54% female), 161 patient-oncologist survival prognosis ratings (68%; 95% CI, 62%-75%) were discordant. Discordance was substantially more common among nonwhite patients compared with white patients (95% [95% CI, 86%-100%] vs 65% [95% CI, 58%-73%], respectively; P = .03). Among 161 discordant patients, 144 (89%) did not know that their opinions differed from that of their oncologists and nearly all of them (155 of 161 [96%]) were more optimistic than their oncologists.

JAMA Oncology | Original Investigation

Effect of a Patient-Centered Communication Intervention on Oncologist-Patient Communication, Quality of Life, and Health Care Utilization in Advanced Cancer The VOICE Randomized Clinical Trial

INTERVENTIONS Oncologists received individualized communication training using standardized patient instructors while patients received question prompt lists and individualized communication coaching to identify issues to address during an upcoming oncologist visit. Both interventions focused on *engaging* patients in consultations, *responding* to emotions, *informing* patients about prognosis and treatment choices, and *balanced framing* of information. Control participants received no training.

RESULTS Data from 38 oncologists (19 randomized to intervention) and 265 patients (130 intervention) were analyzed. In fully adjusted models, the intervention resulted in clinically and statistically significant improvements in the primary physician-patient communication end point (adjusted intervention effect, 0.34; 95% CI, 0.06-0.62; P = .02). Differences in secondary outcomes were not statistically significant.



Mi sono presa del tempo per riflettere, pensare ed elaborare un po' il mio dispiacere, ma ora sono pronta per iniziare la nuova terapia che mi avete proposto.

Sinceramente vorrei iniziare appena possibile, ho già parlato con mia figlia e con il parrucchiere per la rasatura, la parrucca, i cappellini ed i foulard... Anzi se avete suggerimenti, indirizzi, contatti...!



Ho iniziato a frequentare una palestra con una personal trainer molto dinamica e sensibile, male non fa al sistema immunitario, vero?

Ho la testa in fibrillazione, ho ancora molti sogni e tanta fede.

Non arrendetevi e lottate con me, datemi coraggio, dobbiamo proprio farcela!!!

LUCE network pone al centro la passione e lo spirito di servizio degli oncologi italiani con l'obiettivo comune di offrire valore ai pazienti



LUCE network è una community of practice rivolta agli specialisti per promuovere sinergie nella gestione efficiente dei pazienti con neoplasie toraco-polmonari

Appartenere al network significa aprirsi al confronto, aumentare l'impatto dei programmi di ricerca e investire nel nostro presente e futuro

UCE CONTROL PROPERTY OF

Fare ricerca vuol dire offrire migliori opzioni terapeutiche ai nostri Pazienti

In LUCE network i Trial attivi sono facilmente consultabili per

- istotipo
- target
- linea di trattamento



Center Net (protocolli attivi per ospedale)



Clinical Trial ongoing (NSCLC, SCLC, MPM e Timoma)



Forum di discussione



Mobile Interaction



per richiedere l'iscrizione: www.lucenetwork.it

